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united by a bridge of tissue at one side essentially as in the double gastrulas of certain earthworms.

SCIENTIFIC NEWS.

The Indiana Academy of Science is engaged in the publication of its proceedings since its establishment several years ago. The publication is in the hands of a committee consisting of Prof. O. P. Hay, of Butler University; Prof. C. A. Waldo, of Depauw University, and Pres. John M. Coulter, of the Indiana University. No State organization holding its meetings but once a year has better meetings with a greater variety of interesting papers than this association.

The American Microscopical Society has issued a special circular which may be obtained by all interested, of Dr. William H. Seaman, Secretary, Washington, D. C. The circular gives an outline of the proceedings of the last meeting of the Society, held at Rochester Aug. 9-12, 1892, from which we gather the following items: Twenty-nine new members were elected and twenty-seven papers were presented. The following officers were elected for the ensuing year: President, Prof. J. D. Cox, of Cincinnati; Vice-Presidents, Dr. Geo. M. Sternberg, of Brooklyn; Dr. A. C. Mercer, of Syracuse; Secretary, Dr. Wm. H. Seaman, of Washington; Treasurer, Mr. Charles C. Mellor, of Pittsburg. The circular also gives the following announcement regarding prizes offered by the Society:

The following sums of money have been placed at the disposal of the society, to be given as prizes for the encouragement of microscopical research, and Profs. Gage, Kellicott, and Seaman were appointed a committee to prepare the conditions on which they should be granted. The competition will be open to members of the society and to those who make application for membership before submitting their papers to the committee:

Two prizes of \$50, two prizes of \$30, two prizes of \$25, two prizes of \$15. The committee have prescribed the following conditions:

One prize of \$50 for the best paper which shall give the results of an original investigation relating to *animal* life, made with the microscope, and not less than 3000 words in length. The methods by which the results are obtained to be given in full.

One prize of \$50 for the best paper which shall give the results of an original investigation made with the microscope and relating to *plant* life, not less than 3000 words in length. The methods by which the results are obtained to be given in full.

Two prizes of \$25 each for the second best papers on animal and plant life respectively, on the above conditions.

The papers, drawings and specimens entered for the above prizes to be submitted to the committee on or before July 1, 1893, and the papers and drawings to be published in the Proceedings.

One prize of \$30 for the best six photomicrographs on some subject in animal or vegetable histology whose structural features are to be illustrated by the photomicrographs of the following amplification, viz., 50, 150 and 500, two of each. These are to be made by transmitted light, printed on albumen paper from untouched negatives, which with the specimens from which they are made, are to be submitted with the pictures to the committee.

One prize of \$30 for the best selection of six mounted slides illustrating some one biological subject. These slides must be accompanied by a full description of the method of preparation of the specimens.

Two prizes of \$15 each for the second best collection of photomicrographs and slides respectively, on the conditions above stated.

All photographs and mounted slides for which prizes are given are to become the property of the society. The object of these prizes is to stimulate and encourage original investigation in the Biology of North America, and if additional information is desired it may be obtained of the committee on prizes.

Dr. Harris H. Wilder has been appointed Professor of Biology in Smith College, Northampton, Mass.

Dr. Henry B. Ward has been appointed Instructor in Zoology in the University of Michigan.

Dr. C. S. Minot has been elected Professor of Histology and Embryology in Harvard Medical College.

November 5, 1892, was given up by the Mechanics Fair in Boston to the Marine Biological Laboratory at Woods Holl. There were illustrations of the work of the laboratory, sets of the specimens furnished schools and colleges by the department of supplies of the laboratory, and addresses outlining the history, purposes and results of the station by trustees, pupils, etc.

The handsome new natural history hall at the University of Illinois, at Champaign, was dedicated Nov. 16. The trustees, faculty and students of the University and a large number of citizens and visitors from a distance were present. This handsome new structure has been in course of erection since October, 1891. The most approved methods of lighting and ventilation have been used in the construction of the building. It will be heated by steam as the other University buildings are. It is three stories high. The lower story is of blue limestone from Bedford, Ind., and the remaining two stories and dormer windows are of red compressed brick, and roof of slate. The windows and cornices are neatly trimmed with stone and terra cotta. The cost is about \$78,000. This building will be devoted exclusively to the study of the natural sciences. It will contain the natural history library, containing more than 20,000 volumes, natural history museum, laboratories and recitation rooms. At a meeting of the trustees of the University of Illinois to-day it was decided to petition the Legislature for \$350,000 to put into new buildings—a chapel, a museum and engineering building. The crowded condition of the University makes these additions necessary.